

swissvoice

Eurit 459/459T

Cordless ISDN telephone DECT



User Manual

Safety precautions

This DECT cordless telephone is designed for transmitting voice calls over the ISDN telephone network. Any other use whatsoever is not permitted and is regarded as in violation of the provisions. The user manual with safety precautions is a part of the product package and must be passed on to the new owner on reselling.



Caution: Warning/danger statement, follow safety precautions!

- ⇒ Please note that the ringer for incoming calls as well as signal tones are emitted on the handset loudspeaker. Do not therefore hold the handset close to your ear while one of these functions is on, otherwise your hearing may be affected.
- ⇒ Use only mains adapters 6V 600mA S004LV0600060 for the base station or charging unit! (supplied).



Rechargeable batteries

Use only the supplied rechargeable batteries: NiMH AAA 800 mAh Model No. GP80AAAHC. Using other rechargeable batteries or non-rechargeable batteries/primary cells can be dangerous and cause malfunctions in or damage to the telephone. To insert the batteries, please follow the instructions in the chapter entitled "Setting up the handsets".

Please note:

- ⇒ Do not immerse batteries in water or throw in the fire.
- ⇒ Rechargeable batteries can become warm while recharging. This is normal and not dangerous.
- ⇒ Do not use any other type of charging unit since this may damage the batteries.
- ⇒ Before using the telephone, **wearers of hearing aids should note** that radio signals can be picked up by the hearing aid and cause an unpleasant buzzing noise.
- ⇒ Do not use your DECT cordless telephone in environments at risk from explosion (e.g. paintworks, petrol stations etc.)
- ⇒ Do not position the base station or charging station in bathrooms or showers.
- ⇒ The radio signals may influence the working of medical equipment.
- ⇒ In the event of a power cut or if the batteries are discharged, your DECT cordless telephone will not function!
- ⇒ The handset must not be charged up without batteries or the battery cover in place.
- ⇒ Do not touch open contacts!



Disposal

Please dispose of batteries, base station, handset, charging unit and mains units in an ecological manner. Do not dispose of them in domestic waste.

Contents

Your Eurit 459/459T is designed for connection to the public ISDN network.

This telephone is available either with one handset (Eurit 459/459T) or as a set with two handsets and a charging bay (Eurit 459/459T Duo).

The Eurit 459T offers the additional feature of an integrated digital answer machine.

Please read these operating instructions carefully to familiarise yourself with and take full advantage of the benefits of your new Eurit 459/459T. Keep this user manual in a safe place!

Note: These operating instructions describe the full range of functions provided by the Eurit 459/459T. The functions and instructions described in this user manual may differ or be limited by the characteristics of your network operator or provider.

For detailed information on the services available with your ISDN connection, contact your network provider.

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* Function dependent on network operator.

Contact your network operator to find out whether this service is supported.

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* Function dependent on network operator.

Contact your network operator to find out whether this service is supported.

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* Function dependent on network operator.

Contact your network operator to find out whether this service is supported.

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Introduction

Swissvoice **fulleco**®

Your Eurit 459/459T is fitted with the latest innovations in terms of reduction of electromagnetic radiation (so called "electro-smog") as well as electrical power consumption reduction.

The Swissvoice **fulleco**® includes three main features:

Multi Handset Low Radiation Mode (Eco Mode)

When in standby, the electromagnetic radiation is automatically shut down between the base station and the handset(s). This works with one or more handsets declared to the base station. The handset(s) and the base station are waiting for a wake-up signal should a call come in, when you activate one handset or when the system synchronises some data.

In other terms, electromagnetic radiation is generated only when the system is in use! (refer to page 63 for settings).

Radiation reduction in communication

65% radiation reduction of the handset is achieved when it is near the base station. The handset's power transmission are regulated; the power transmitted from the handset **is automatically reduced** to the lower level, depending on the distance to the base station (refer to page 63 for settings).

Electrical consumption reduction

The efficiency of the switching power supply reduces the electrical consumption of the telephone.

Combined with the Radiation Reduction and Multi Handset Low Radiation Mode it contributes to save energy and costs.

Setting up the telephone

Contents of the package

Eurit 459/459T

- ⇒ 1 base station
- ⇒ 1 connector cable
- ⇒ 1 mains adapter 6V == 600mA S004LV0600060
- ⇒ 1 handset
- ⇒ 2 rechargeable batteries NiMH AAA 800 mAh Model No. GP80AAAHC
- ⇒ 2 manuals DE/EN

Additional items for Eurit 459/459T Duo

- ⇒ Second handset
- ⇒ 2 additional rechargeable batteries
- ⇒ Charging bay (for the second handset) with power supply

Setting up the telephone

Location

To obtain the best possible range, we recommend positioning the telephone in a location central to your sphere of activity. Avoid positioning the telephone in niches, recesses and behind steel doors.

The maximum range between the base station and handset is approximately 50 meters indoors and 300 meters outdoors. Depending on the surrounding conditions as well as spatial and structural factors, the range may be smaller. Silent zones can occur due to the digital transmission in the frequency range used even within the range, depending on the structural environment. In this case the transmission quality may be reduced through the increased incidence of short breaks in transmission. Normal call quality can be restored if you move slightly out of the silent zone. If the range is exceeded, the call will be disconnected unless you move back into range within five seconds.

To avoid radio signal interference from other electronic equipment, we recommend that the base station and handset are situated at the greatest possible distance (min. 1 meter) from other equipment.

Repeater

You can use a repeater to extend the range and receiving power of your base station.

The repeater must first be registered and activated on the base station. (Your telephone is delivered with the default setting "off").

Note For settings refer to chapter "Settings, Repeater".

Setting up the telephone

Setting up the base station or charging unit

- ⇒ *Do not expose the base station or charging unit to direct sunlight.*
- ⇒ *Protect the base station or charging unit against moisture. Do not position the base station or charging unit in rooms exposed to condensation, corrosive steam or excessive dust. Condensation can be present in basements, garages, conservatories or sheds.*
- ⇒ *The ambient temperature must be between 5 °C and 40 °C.*

Position the base station and charging unit in a clean, dry and well-aired location. Choose a place which is stable, level, and not subject to vibrations. To avoid mutual interference, do not position the base station or charging unit in the immediate vicinity of electronic equipment such as hi-fi systems, office equipment or microwave ovens.

Avoid positioning the telephone near heat sources such as heating elements or near obstacles such as metal doors, thick walls, niches and cupboards.

There is no mains switch on the base station or charging unit. For this reason the socket to which it is connected must be easy to access.

Listening protection

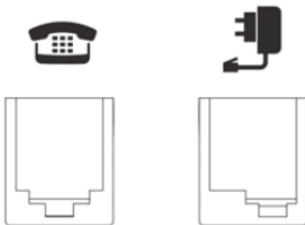
When you are on the telephone, the base station and handset are connected to each other over a radio link. The base station handles switching between the telephone network and the handset. To ensure that no-one can eavesdrop or telephone at your cost, the base station and handset exchange codes. If the codes do not match, the connection with third-party handsets cannot be set up.

Setting up the telephone

Connecting the phone

Before you can start using your telephone you must plug in the telephone connector cable and the mains cable.

Note The cables must pass above the stand to assure the proper standing of the base station.



① Socket for telephone connector cable

② Socket for mains cable



Safety note

Use only mains adapters 6V == 600mA S004LV0600060 for the base station or charging unit! (supplied).

① Telephone connector cable

The telephone connector cable has two different plugs. Insert the smaller plug in the socket marked with the telephone symbol on the base station, and fit the cable into the corresponding cable duct. Insert the larger plug in your telephone connection socket.

② Mains cable

First, insert the mains cable in the socket marked with the mains connector symbol on the base of the base station or charging unit, and fit the cable in the moulded cable duct. Then insert the mains plug in the 230 V socket.

Note Your telephone will not function if the mains connector is not plugged in or during a power failure.

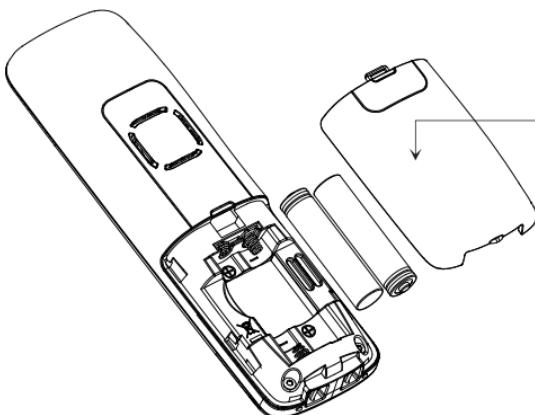
Setting up the telephone

Setting up the handsets

Your handsets will be ready for operation (for making or accepting calls) only once the batteries have been fully charged for the first time.

Inserting the rechargeable batteries

The bottom part of the handset contains a battery compartment for housing two type AAA batteries (microcells).



Removing the battery compartment cover:

Slide the battery compartment cover downwards (approx.3 mm) and lift.

Inserting the two rechargeable batteries (note the polarity!):

Insert the batteries in the battery compartment. Make sure the polarity is correct. Insert the batteries so that the flat end (negative polarity) of the battery is pressing against the spring. The handset will not function if the batteries are incorrectly inserted. This may result in damage. Replace the compartment cover by placing it approximately 3 mm offset and slide it upwards until it clicks into place.

Setting up the telephone

Charging the batteries

The batteries are not yet charged when you first unpack the telephone. Insert the handset in the base station or charging unit for charging. The flashing battery symbol on the handset shows the charging status. The batteries will take around 14 hours to fully charge.

Note

- Do not insert the handset in the base station or charging unit without batteries.
- Do not use any other type of charging unit since this may damage the batteries.

The following symbols indicate the charging status on the handset display:



Charging status "full"



Charging status "1/2"



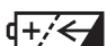
Charging status "empty"

Once the new batteries have been inserted, the display on the handset indicates the actual charging status only after a complete charging cycle.

Your telephone is now ready to use.

Important!

Please note: after you have inserted the batteries for the first time, the battery display will indicate the correct information on the charging status only after a complete charging cycle.



Use only the supplied rechargeable batteries NiMH AAA 800 mAh Model No. GP80AAAHC. Never use disposable batteries/primary cells.

Setting up the telephone

Note	<p>You can replace the handset in the charging/base station after every call. Charging is electronically controlled to ensure optimal charging of batteries in different charge states. Avoid removing the batteries from the handset for no good reason, since this affects the optimum charging cycle.</p> <p>Because your telephone is fitted with a low-radiation mechanism, the antenna automatically switches off in standby mode and cannot therefore emit any radiation. Your telephone is delivered with this function switched on.</p> <p>You can telephone for up to 12 hours with fully charged batteries.</p> <p>The handset has a standby time of up to 120 hours.</p> <p>If the battery charge status has reached its lower limit, the battery symbol () flashes in the display and a warning signal is heard. You have 10 minutes of talk time left.</p>
------	---

Language choice/Installation assistant

The language choice appears. Press  to scroll to the desired language and press **OK** to confirm.

An installation assistant guides you then step by step through the setup procedure for your telephone.

Follow the displayed instructions and enter all MSN numbers along with user name, as well as time and date.

Note	<ul style="list-style-type: none">The installation assistant will re-appear following a reset of the telephone (reset to default settings).You can also enter the preferred language, MSNs, time and date in the corresponding menus.
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Setting up the telephone

Multiple Subscriber Numbers (MSN)

When you ordered your ISDN connection, your network operator will have assigned you several Multiple Subscriber Numbers (MSN). You can assign these numbers to different devices or assign individual numbers to different users. Every MSN (user) can then define individual settings for the number assigned to him or her.

Your telephone can manage up to 5 MSNs. To use all the functions, you must set up at least one MSN with user name (see section on "Assigning an MSN").

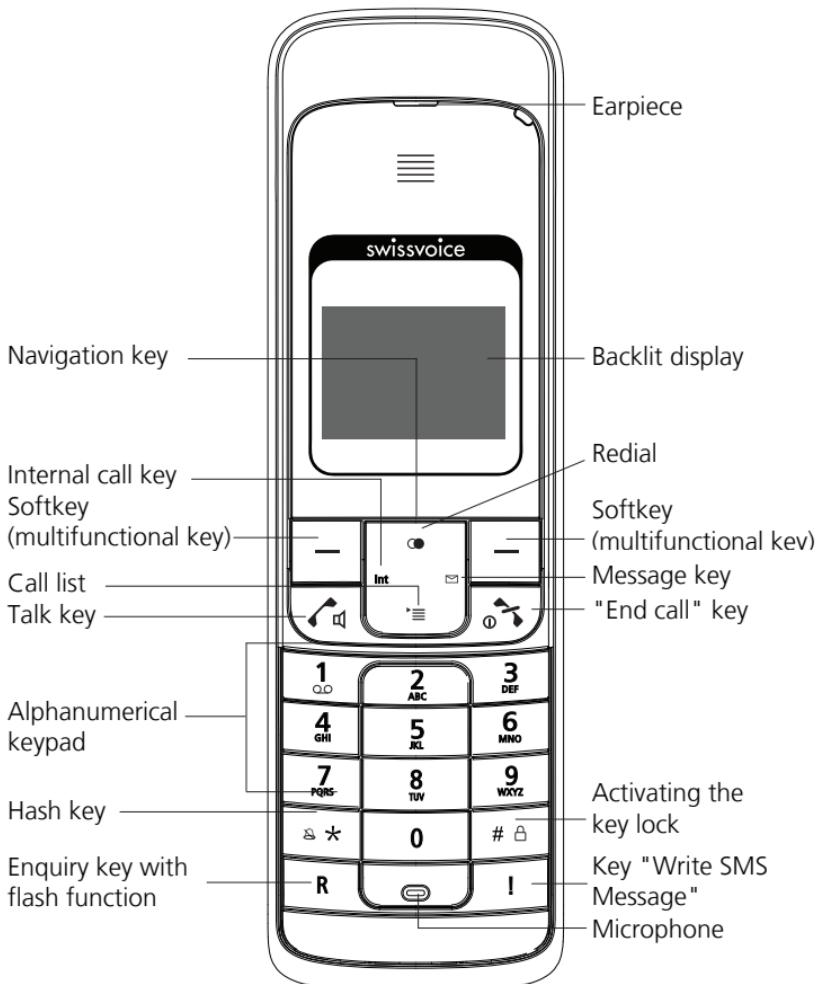
Changing users

To change users, press the softkey under **MENU**. Use  to scroll to **CHANGE USER** and select the relevant user. The current user is displayed. You can now access the activated user's calls lists, charge displays and individual settings. To find out how to set preferences for individual MSNs, refer to the section on "MSN settings".

Note The **CHANGE USER** menu can only be accessed if more than one MSN has been programmed.

Getting to know your telephone

Handset keys



Getting to know your telephone



Softkeys (multifunctional keys)

Right softkey: Choose menu options, confirms entries/settings.

Left softkey: returns to previous menu step.



Navigation key For scrolling up/down or right/left.



In answer machine mode, message playback: right = skip forward, left = replay message; double click = skip back.



Redial Open redial list.



Message key Access to new unanswered calls, SMS* or answer machine messages.



Opens **calls list***.



Internal call key For conducting handset-to-handset calls.



Call key For conducting and accepting calls and switching to handsfree.



“End call” key Press briefly to end a call or return to standby mode.



Press and hold down to switch the handset on/off.



Alphanumeric keypad For dialling telephone numbers.

Letters printed on housing. Press and hold down “0” when entering a telephone number to insert a dialling pause between two digits.



Voicebox Press and hold down for direct access to network answer machine messages.



Call anonymously Press and hold down to suppress caller ID for next call.



Park/unpark Press and hold during call: Park. Press and hold in standby mode: Unpark.



Asterisk key For entering asterisks. Press and hold down to switch handset ringer on/off.



Hash key For entering the hash symbol. Press and hold down to switch keylock on.

Getting to know your telephone

- 🔒 **Keypad locked** A locked keypad prevents numbers being dialed inadvertently.
- Ｒ **Enquiry key** Press key R to activate some network functions.
- ! **Key "Write SMS Message"** Write SMS message.

Handset display symbols

The following symbols are displayed on your handset.

- 📶 **Coverage symbol**
Reception displayed when the handset is within range of the base station.
Flashes when out of range of the base station or not registered with the base station.
- 🔔 **Alarm set**
Indicates that the alarm is set.
- 🔊 **Handsfree on**
Indicates that handsfree speaking is activated.
- 📞 **Active call**
Indicates that a call is in progress.
- 🔕 **Ringer off**
Indicates that the ringer is switched off.
- 🔒 **Keypad lock**
Indicates that the keypad is locked.
- 📫 **Call forwarding activated**
Indicates that call forwarding is activated.
- ⟳ **Auto Redial**
Indicates that Auto Redial is activated.
- 🔋 **Akku-Ladezustand voll**
Zeigt an, dass die Akkus voll geladen sind.
- 🔋 **Akku-Ladezustand leer**
Zeigt an, dass die Akkus fast leer sind.
- 📞 **Anrufe in Abwesenheit***
Erscheint, wenn Sie unbeantwortete Anrufe in der Anrufliste haben.
- ✉ **Sie haben neue SMS***
Zeigt an, dass Sie neue SMS erhalten haben.
- ✉ **Sie haben Anrufbeantworter-Nachrichten**
Erscheint, wenn Sie Nachrichten auf dem Anrufbeantworter haben.
- ✉ **Sie haben Nachrichten auf Ihrem Netzanrufbeantworter***
Erscheint, wenn Sie Nachrichten auf dem Netzanrufbeantworter haben.
- 📞 **Interner Anruf**
Erscheint, wenn Sie ein anderes Handgerät anrufen.

* Function dependent on network operator.

Contact your network operator to find out whether this service is supported.

Getting to know your telephone

About the menus

Menu navigation

In standby when pressing the softkey under **MENU** the display shows the menu "Directory" together with the corresponding symbol.

Pressing the navigation key  (up /down) will lead to the further available menus.

The title of the selected menu appears together with the corresponding symbol.

Your handset provides you with an easy-to-follow menu. As a rule, every menu offers a list of options. To select main menu, sub-menu and options, press the softkey below the corresponding display text.

With the handset switched on and ready for use, press the softkey under **MENU** to open the menu selection and use the navigation key  to scroll to the menu or option you are seeking. Press **OK** to open the options list, use the navigation key  to scroll down the list to the preferred option, and confirm the option by pressing **OK**.

Back to previous menu

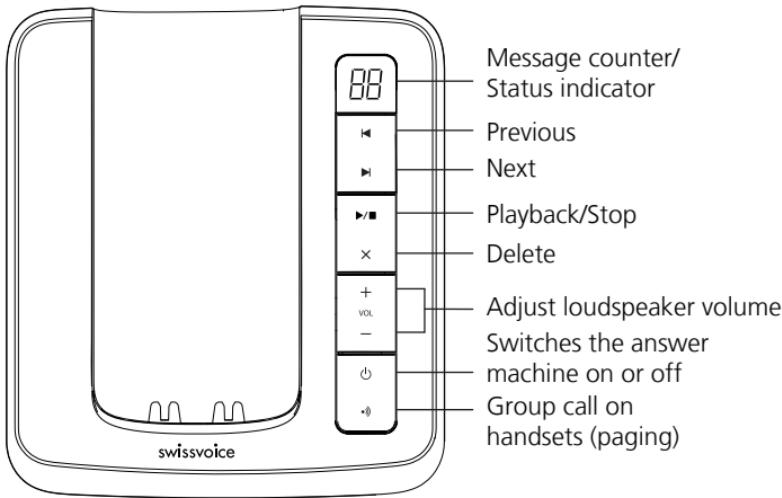
Press **BACK** to return to the previous menu.

End menu

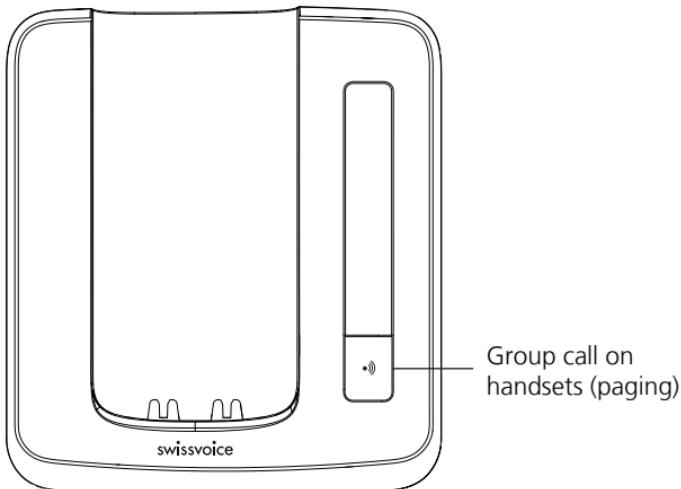
To exit a menu, press the softkey under **BACK**. If you want to return to standby mode, confirm by pressing .

Getting to know your telephone

Eurit 459T base station with answer machine



Eurit 459 base station



Telephoning

Making an external call

Press , wait for the dialling tone and dial the number.

Call preparation

First, enter the number. Press  to dial the number.

If you enter an incorrect number, you can:

- Delete it by pressing repeatedly the foxkey under .
- Move the cursor to the desired character by pressing the navigation key (left/right).

Ending a call

Press  or replace the handset in the charging unit/base station.

Accepting a call

The caller's number or name (if already saved in the directory) is displayed only if your network operator supports caller line ID (Caller Line ID Presentation/CLIP*).

Press  to accept the call.

Reject call

You can reject an incoming call. Press  to reject the call on this handset.

The base station and the other registered handsets continue to ring.

Send DTMF/keypad information

By switching to temporary DTMF you can press the softkey under **OPTIONS**, **DTMF** to send control signals, e. g. for the network answer machine, during a call.

Note If you have activated "Automatic DTMF" in the **SETTINGS**, **TELEPHONY** menu, there is no need to switch to temporary DTMF. Temporary DTMF is automatically deactivated when you end the call.

* Function dependent on network operator.

Contact your network operator to find out whether this service is supported.

Telephoning

Handsfree operation

You can use the handsfree function to conduct calls without holding the handset in your hand and allow others present in the room to take part in the call.

Activating handsfree before a call:

1. Press . The display shows . Press  again. The display shows  and you can hear the ringing signal over the handset loudspeaker.
2. Press  to deactivate handsfree speaking.

Switching to handsfree speaking during a call:

Press . To deactivate handsfree speaking, press  again.

Handset / handsfree volume

You can adjust the handset and handsfree loudspeaker volume in 5 steps. Press  during a call to adjust the volume. The selected setting is saved after the end of the call.

Note The handset and handsfree loudspeaker volumes are independent but the setting procedure is identical.

Handset secrecy

During a call you can talk to someone else in the room without the caller hearing.

1. Press the softkey under **SECURITY** during a call. This switches handset secrecy on and your caller cannot hear you.
2. Press the softkey under **OFF** to return to the call.

Telephoning

Redial

The 15 last-dialed numbers are saved in a redial list. If a name and number are already stored in the directory, the name is shown instead of the number.

Redialling a number from the list

If the telephone is in standby mode:

Press  to open the redial list and press  to scroll through the list.

Press  as soon as you have reached the number you are seeking.

Note

- To open the redial list the telephone **must be** in standby mode.
After having pressed the talk key the redial list cannot be opened with the  -key.
- If the redial list is empty, a message to this effect appears.

Copying numbers from the redial list

You can copy a number from the redial list to the directory.

Press  to open the redial list. Use  to scroll through the list to find the number you are seeking, and press the softkey under **OPTIONS, SAVE NUMBER**. Enter the name and number and define your individual settings. Assign the entry to the relevant user and save.

Note

If the number is already in the directory, the Save function is not displayed.

Deleting individual entries/entire redial list

Press  to open the redial list. Scroll through until you reach the entry you are seeking. Press the softkey under **OPTIONS** and delete the entry or the entire list.

Telephoning

Sending SMS messages from the redial list*

1. Press the softkey under . Use  to scroll through the list to find the entry you are seeking, and press the softkey under **OPTIONS**, **WRITE MESSAGE**.
2. Write and send your SMS message.

Group call (paging)

You can activate a group call to locate a mislaid handset.

1. Press  on the base station. The mislaid handset rings.
2. Press  again to end the ringing signal or press  on the handset.

Keypad lock

If you want to carry the handset around in your pocket, you can activate the key lock.

This prevents you inadvertently dialling a number.

1. Press and hold down . The display shows **KEYPAD LOCKED**.
2. To unlock the keypad, press the softkey under **UNLOCK**, then press .

Note If the keypad is locked,

- you can dial emergency numbers (in call preparation only) and incoming calls can still be accepted.
- you cannot dial a number or access menus.

* Function dependent on network operator.

Contact your network operator to find out whether this service is supported.

Telephoning

Internal calls

You can call other handsets which are registered with your base station. This allows you to make internal calls free of charge.

1. Press INT, dial the relevant handset number and press **OK** to confirm. Pressing INT automatically dials the second handset if only two handsets are registered with the base station.
2. Press  to end the call.

Note

- If you receive an external call while conducting an internal call, the base station and every handset which is not in use will ring.
- If a handset is in use, you will hear a signal alerting you to the incoming external call. Press the softkey under **OPTIONS, ACCEPT/END** to end the internal call and accept the external call. Or press the softkey under **OPTIONS, ACCEPT/HOLD** to put the internal call on hold or under **OPTIONS, REJECT** to reject the external call.

Telephoning

Internal enquiry call

You are conducting an external call and want to call an internal party without ending the external call.

1. Press **Int**.
2. Dial the desired handset number and press **OK** to confirm. The external call is put on hold.

If the second handset answers, you can talk to the internal call partner without the external caller hearing you.

You can switch between the two call parties or connect all three calls into a 3-party conference. Refer to chapter “Brokering” and “Conference calls” for more details.

Note

- You cannot use the **Int** key if the call duration is not displayed.
- If the second handset does not answer, you can end the ringing signal and return to the original call by pressing the softkey under **END**.
- Internal enquiries are managed by the base station and are not dependent on your network operator's available services.

Brokering (switching between two calls)

You have two active calls (1 internal and 1 external), one of which is on hold.

1. Press the key **Int** or the softkey under **OPTIONS, BROKERING** to switch between the call partners. Press the softkey under **OPTIONS, CONFERENCE** to connect all three call partners with each other.
2. Press  to end one of the calls. The remaining call partners are automatically connected with each other.

Note

Brokering between two external call partners is managed by the public telephone network and is therefore dependent on your network operator's available services (network functions). Find out whether these network functions are supported.

Telephoning

Call transfer

Internal call transfer

You can transfer the call you are conducting to another handset (= switching).

1. Press **INT** and dial the handset to which you wish to transfer the call. The external caller is put on hold.
2. If the second handset answers, you can talk to the internal call partner without the external caller hearing you. Press  to transfer the call.

Note

- You cannot use the **INT** key if the call duration is not displayed.
- If the second handset does not answer, you can end the ringing signal and return to the original call by pressing the softkey under **END**.

External call transfer

You can transfer an incoming call to another telephone directly by pressing the softkey under **OPTION, CD**. You can enter the number you normally transfer your calls to in the menu **NET FUNCTIONS, CALL DEFLECTION (CD)**.

Telephoning

Three-way conference

You can use the conference assistant to set up a three-way conference with 2 external call parties.

1. Scroll to **NET FUNCTIONS**, **CONFERENCE ASSISTANT** and press **OK** to confirm.
2. Dial the number of the call partner or search for it in the directory. Press the softkey under **CONTINUE**. Once the connection is set up, tell the call partner that you are setting up a three-way conference call. The call partner is put on hold.
3. Dial the number of the second call partner or search for it in the directory. The three-way conference call is activated as soon as the second call partner accepts the call.

Note If the second call partner does not answer, you can return to the first call partner by pressing the softkey under **END**.

External enquiry call

You are conducting an external call and want to call another external party without ending the active external call.

1. Start the external enquiry call by pressing the enquiry key **R**.
2. Enter the external call number.

To switch between the call partners press the softkey under **OPTIONS, BROKERING**.

To connect all three call partners with each other in a 3-party conference, press the softkey under **OPTIONS, JOIN**.

Note An external enquiry call is managed by the public telephone network and is therefore dependent on your network operator's available services (network functions). Contact your network operator to find out whether this service is supported.

Directory

You can store up to 200 names and numbers in the directory on each handset. Every entry contains a name and telephone number. Names can be up to 24 letters long and numbers up to 24 digits long.

Directory entries

Adding a new entry

If the telephone is in standby mode:

1. Press the softkey under **DIRECTORY**. All entries are displayed in alphabetical order.
2. Press the softkey under **OPTIONS**. Select **NEW ENTRY** and enter the new name and number and define your individual settings. Assign the entry to the relevant user and save.

Note	If the directory is empty, a message to this effect is displayed.
------	---

Tips for entering names/numbers

- Press **0** to insert a space, **0** or **1** to enter a symbol.
- The available special characters appear in the lower display line. Press the relevant key repeatedly to scroll through the characters.
- When entering names, you can press **8** ***** to switch between upper and lower case lettering.

Directory

Editing entries

1. Press the softkey under **DIRECTORY**. Use  to scroll through the list to find the entry you are seeking, and press the softkey under **OPTIONS**.
2. Select **EDIT ENTRY**, modify the name and/or number and save the entry.

Deleting directory entries/entire directory

You can delete individual entries or the entire directory.

1. Press the softkey under **DIRECTORY**. Use  to scroll through the list to find the entry you are seeking, and press the softkey under **OPTIONS**.
2. Delete the entry or the entire list.

Dialling numbers from the directory

1. Press the softkey under **DIRECTORY**. All entries are displayed in alphabetical order.
2. Use  to scroll through the directory, select the entry you are seeking and press .

The number is displayed and dialled.

You can also search by name: press the first letters of the name and press  to confirm.

Sending SMS messages from the directory*

1. Press the softkey under **DIRECTORY**. Use  to scroll through the list to find the entry you are seeking, and press the softkey under **OPTIONS**.
2. Write and send your SMS message.

* Function dependent on network operator.

Contact your network operator to find out whether this service is supported.

Directory

Copying directory entries

If you operate several handsets, you can copy entries from one handset to another.

This way, you only have to enter names and numbers once.

While you are copying entries from one handset to another, you can make external calls on another handset registered with the base station.

If the entire directory is copied, it overwrites all entries on the other handset. If the directory on the handset to which you are copying is full, a message to this effect is displayed.

Copying entries/entire directory to another handset

You can copy individual entries or the entire directory from one handset to another provided both handsets are registered with the base station.

1. Press the softkey under **DIRECTORY** and  to select the entry you wish to copy.
Press the softkey under **OPTIONS**. Select the submenu you are seeking and press **OK** to confirm.
2. Select the number of the destination handset and press **OK** to confirm.
3. Confirm the option with **YES** on the relevant handset.

Note

- The copy procedure is aborted if an incoming call is received.
- If you are copying an entire directory, all entries transferred before the call are saved.
- You cannot perform the copy procedure if the handset to which you wish to copy is conducting a call.

Calls list*

If your network operator supports caller ID presentation* (CLIP), the caller's number (if he did not withhold his own number) is displayed before you accept the call.

If you have received new calls, a message to this effect appears in the display. A list is kept of answered and unanswered calls.

The calls list can hold up to 30 entries. If the list is full, the oldest entry is overwritten by the most recent entry.

Note If the calls list is empty, a message to this effect is displayed.

Viewing/dialling a number from the calls list

Press  to open the calls list. Press  to scroll through the list. Press  to dial the number.

Sending SMS messages from the calls list*

1. Press  to open the calls list. Use  to scroll through the list to find the entry you are seeking, and press the softkey under **OPTIONS**.
2. Write and send your SMS message.

* Function dependent on network operator.

Contact your network operator to find out whether this service is supported.

Calls list*

Saving numbers from the calls list to the directory

1. Press *≡. Scroll through until you reach the entry you are seeking.
2. Press the softkey under **OPTIONS**, **SAVE NUMBER**. Enter the name for the associated number and define your individual settings. Assign the entry to the relevant user and save.

Deleting individual entries

1. Press *≡. Scroll through the relevant calls list (for answered and unanswered calls) until you reach the entry you are seeking.
2. Press the softkey under **OPTIONS**, **DELETE CALL** and delete the entry.

Deleting the entire calls list

Press *≡ and **DELETE ALL CALLS** to delete the entire list.

* Function dependent on network operator.

Contact your network operator to find out whether this service is supported.

Audio

Procedure:

1. Press the softkey under **MENU**. Press  to scroll to **AUDIO** and press **OK** to confirm.
2. Scroll to the relevant submenu and make the relevant settings:

Handset/base station ringer

You can programme different ringer melodies for each MSN on the handset and base station, to signal external and internal calls. Choose from the 5 standard and 10 polyphonic ringer melodies in the handset and 5 standard ringer melodies in the base station.

Set the preferred ringer melodies and associated volume for external/internal calls.

You can also set an increasing volume.

Use the possibility to assign the melody/picture you want to an entry in the directory.

When you get a call from this participant, you hear the personalised melody and see the defined picture in the display.

Audio

Beeps

Your telephone supports various tones which you can activate or deactivate:

Key beep

Every time a key is pressed, a brief beep is heard.

Range beep

A warning beep is sounded if you exceed the maximum range. Move closer to the base station.

Charging beep

When you insert your handset in the charging unit/base station, the batteries are automatically charged up. A short beep is heard.

Accu beep

Sounds when the batteries are running low.

Confirmation beep

Settings and entries are confirmed by a short beep.

Family

Procedure:

1. Press the softkey under **MENU**. Press  to scroll to **FAMILY** and press **OK** to confirm.
2. Scroll to the relevant submenu and make the relevant settings:

Direct call (baby call)

If you activate direct call on your telephone, the handset dials a preprogrammed number when any handset key is pressed. "Direct call" can be very useful, especially for parents:

If the parents are not at home, the children can reach a predefined number simply by pressing any key on the handset. The direct call number must be preprogrammed by the parents beforehand.

Note	<ul style="list-style-type: none">• You must deactivate the direct call function to restore your telephone's normal functions.
Note	<ul style="list-style-type: none">• Please note that direct call may not function in exceptional cases, e.g. if the preprogrammed number is busy, if the preprogrammed mobile phone number has no reception, in case of a power outage or when the rechargeable batteries are empty.

Room monitoring (baby surveillance)

You can set a baby call/noise alarm. Once this function is set, your phone monitors noises in its immediate vicinity and triggers a call to the programmed number if the noise exceeds a set level (defined by the user). The person called hears the noises and is alerted to the fact that, for instance, a child is crying in the room.

Note

- If room monitoring is active, incoming calls are not signalled on the handset you have activated room monitoring.
- If the answer machine is activated, an incoming call is forwarded to it.
- You must deactivate the room monitoring function to restore your telephone's normal functions.
- Please note that room monitoring may **not** function in exceptional cases, e.g. if the preprogrammed number is busy, if the preprogrammed mobile phone number has no reception, in case of a power outage or when the rechargeable batteries are empty.

Charges

Procedure:

1. Press the softkey under **MENU**. Press  to scroll to **CHARGES** and press **OK** to confirm.
2. Scroll to the relevant submenu and make the relevant settings:

Cost of last call

You can display the cost of the last call as well as call charges per MSN or handset.

Summary

You can display the total per handset and the total for all MSNs.

Settings

Type of Display

You can display the cost or duration of a call. The following settings must be made before you can display costs:

Charge factor

To display costs accurately, you must set the charge per unit (factor). This factor is automatically transmitted for every outgoing call in the ISDN network.

Currency

To display costs accurately, you may need to set the currency.

Note

- Note that for technical reasons the displayed charges may differ from the amount billed. The amount indicated on your phone bill is binding.
- If you are using a provider, charge information may not be available.

Calendar/clock

Procedure:

1. Press the softkey under **MENU**. Press  to scroll to **CALENDAR/CLOCK** and press **OK** to confirm.
2. Scroll to the relevant submenu and make the relevant settings:

Alarm

Activate the alarm function, enter the time and alarm melody (5 standard and 10 polyphonic melodies available).

Snooze function

Press **SNOOZE** when the alarm sounds. The alarm is repeated in 10 minutes-intervals until you press **STOP**.

Note The alarm only sounds on the handset on which it has been set.

Appointments

Your telephone also acts as an appointments reminder: You can set 5 different appointment reminders. A signal is heard on the handset at the defined time.

Note As soon as the time of the appointment arrives, it is displayed and the phone rings during a certain time. By pressing the softkey under **SILENCE** (or after the ringing), the appointment will further be displayed. If you do not need the reminder in the display any longer, press **CLEAR**.

Adjust time/date

The time and date are automatically set when an outgoing call is made.

Note

- If the power supply is cut, the settings are lost and must be reprogrammed.
- You can also set the time format (12/24 hours).

Network functions

Please note that the services in this chapter are supplementary network services and thus subject to availability from your network operator.

To activate certain network functions, you have to send special codes to the network.

Often these codes contain special characters such as # ☎ or ☎ ✶. In some cases, the so-called flash signal is required. You can enter this by pressing key **R**.

Contact your network operator for details and the appropriate codes to activate these services.

Procedure:

1. Press the softkey under **MENU**. Press  to scroll to **NET FUNCTIONS** and press **OK** to confirm.
2. Scroll to the relevant submenu and make the relevant settings:

Call forwarding

Call forwarding allows callers to reach you even if you are not near your own telephone.

Choose the relevant type of call forwarding (unconditional, no reply, busy) in the submenu **SWITCH ON** or **SWITCH OFF** and enter the forwarding number (i.e. the number to which calls are to be forwarded).

Unconditional Incoming calls are forwarded immediately.

No reply Incoming calls are forwarded after a delay (fixed time or number of rings).

Busy Calls are forwarded if the line is busy.

Once you have defined the call forwarding option, enter the forwarding number (i.e. the number to which calls are to be forwarded).

At any time you can:

- check the call forwarding status
- edit or delete the forwarding number
- deactivate call forwarding.

Network functions

Call waiting

With this service you can have a telephone conversation and still be informed that someone else is calling you. In this case you will hear the "Call waiting" tone and you can answer this call.

Activating/deactivating call waiting

1. Press the softkey under **MENU**. Press  to scroll to **SETTINGS** and press **OK** to confirm.
2. Select the desired MSN in the menu **MSN SETTINGS, MSN ALLOCATION**. Program your MSN and the assigned user name and activate or deactivate the function "Call waiting".

Accepting a waiting call

Press the softkey under **OPTIONS**. You can then select:

- **Reject 2nd call:** Reject waiting call, continue active call.
- **Accept/End:** Accept waiting call, end active call.
- **CD:** Call deflection, forward the waiting call to an external number, continue active call.
- **Accept/Hold:** Accept waiting call, active call is put on hold.

You have then the following options:

- **Broker:** to switch between both partners.
- **Conference:** to connect all three call partners with each other.
- **End active call:** end active call, continue call on hold.

Network functions

Anonymous call (Identification restriction)

When you call someone, your number is shown on the other person's phone if it supports this function.

You can program your MSN so that your calling line ID is suppressed (see section on "MSN settings"). "Anonymous call" for the next call only can also be activated in the relevant menu or by pressing and holding down the key **3**_{DEF}. "Anonymous call" can also be assigned to a directory entry.

Conference assistant

See section on "Three-way conference".

Parking

Park/unpark

You can park an external call for 3 minutes and retrieve it on another telephone with the same connection.

4
GHI

Press and hold during the call: Park.

Press and hold in standby mode: Unpark.

Park ID

Your telephone is delivered with the park code preset to 1. You can change the park code in the relevant menu. Press **SAVE** to confirm. The park code is used to clearly identify the parked connection, and must be entered when unparking.

Network functions

Recall

This service is dependent on your network operator.

Call back on busy (Completion of Calls to Busy Subscriber/CCBS)

If a number you have dialled is busy, you can activate call back by pressing the softkey under **CCBS** or by pressing and holding **2** down (the activated call back is signalled in the display with ). If call back on busy is activated, the ringer is played as soon as the called party has replaced the receiver i.e. as soon as his or her line becomes free.

Note An activated call back can be deactivated in the menu **FUNCTIONS, DEACT. CALLBACK.**

Auto Redial

The automatic redial calls for you an occupied number in regular intervals.

If a number you have dialled is busy, you can activate Auto Redial by pressing the softkey under **OPTIONS, AUTO REDIAL**.

You can then set the number of repetitions and the desired interval.

Note An activated auto redial can be deactivated in the menu **NETWORK FUNCTIONS, DEACTIVATE AUTO REDIAL.**

Malicious Call Identification (MCID)

This service is available from your network operator on request. Once your network operator has activated the service, malicious calls are registered during the call and up to 20 seconds after the receiver is replaced. The exchange registers the calling number, date and time, even if the caller has withheld his or her number.

Network functions

Network answer machine (Voicebox)

Many network operators offer the option of setting up a network answer machine (Voicebox).

Check whether this network function is available, the associated charges (if applicable) and the functions provided by this service.

 is displayed to alert you to new messages (if provided by network operator).

To access new messages quickly and simply, press and hold down for around 2 seconds  to automatically dial the access number of your network answer machine.

Note

- You can edit the network answer machine access number (Voicebox) in the submenu **VOICEBOX, SETTINGS**.
- To use the network answer machine, you need to send certain codes to the network. Ask your network operator for details.

Provider

You can also make calls over another provider.

Under **PROVIDER LIST**, enter the names and prefixes of the providers (max. 5) to whose service you have subscribed. You can link every directory entry to one of the providers in this list.

If you want to make all calls over a single provider, define only one provider in the submenu **PROVIDER LIST** (name and prefix). Scroll then to the submenu **SETTINGS** and select the before defined provider. The default provider prefix is automatically inserted before every number you call from lists (even if you have not saved a provider prefix in the directory entries).

Note

The default provider prefix is **only** automatically inserted, if you dial from a list (directory, calls list, redial).

SMS

SMS – Short Messaging Service

Sending and receiving SMS messages is a network function. To send and receive SMS messages, your telephone line must have active Caller Identification Presentation (CLIP) and Connected Line Presentation (COLP)*. Check with your network operator to find out whether the SMS network function is available and about charges, if applicable.

Your telephone supports SMS messages up to 612* characters in length for sending and receiving. You can save up to 38 SMS messages in your lists.

Note

- Find out from your network operator whether you need to send an SMS message to subscribe to or unsubscribe from the SMS service.
- To be able to send SMS messages, your number must not be withheld.
- To be able to send SMS messages, your telephone must not be connected to a private branch exchange.

Procedure:

1. Press the softkey under **MENU**. Press  to scroll to **SMS** and press **OK** to confirm.
2. Scroll to the relevant submenu and make the relevant settings:

Writing SMS messages

Write your message. Refer to the chapter on “Directory entries” for tips on writing.

You can also use symbols and templates in the menu **OPTION**.

Note

Press key **!** to have direct access to the menu **WRITE MESSAGE**.

* Function dependent on network operator.

Contact your network operator to find out whether this service is supported.

SMS

Inbox

New SMS messages are signalled in the display by and saved in the inbox. Press the softkey under **INBOX** to read new SMS messages. Or **BACK**, to read SMS messages later.

Once you have read the SMS messages, you can answer, forward, save or delete them, or call the sender.

Note If you have no SMS messages in your inbox, a message to this effect is displayed.

Drafts

You can create and save a draft SMS for subsequent sending, and edit and send it whenever you wish.

Outbox

Sent SMS messages are automatically saved in your outbox. You can edit and forward SMS messages in the outbox or call the recipient.

Note

- You can accept calls while writing an SMS.
- If the SMS is not transmitted, a message to this effect is displayed and the SMS is saved in the outbox. You can delete the unsent SMS message to return to standby mode, or select "read" to open the SMS message and re-send it.

SMS

Templates

To simplify writing SMS messages, you can create up to 5 templates. You can edit and delete these templates or create a new SMS message template.

Settings

Service centres

Before you can send and receive SMS messages, an SMS service centre must be programmed with the associated access number. Your phone is delivered with this number preset. Ask your network operator for details of these service numbers.

Send service

Select which service centre you want to use for sending SMS messages.

New SMS alert

If activated, a brief beep is heard every time a new SMS message is received.

Additional information to activate the T-Com SMS service

The **Short Message Service** by T-Com is managed via the SMS service center with the access number **0193010**.

To register you have to send a **registration SMS** to the SMS service center once.

To **receive** the SMS as text message your telephone line must have active **Caller Identification Presentation** (CLIP) to be able to read the SMS (on basis of the transmitted telephone number 0193010 of the T-Com center).

An activated call forwarding **unconditional CFU** at the receiver's telephone impedes to receive an SMS since the message is signalled with a normal call.

When sending an SMS your **own telephone number** is always identified by the SMS service center and **transmitted with the SMS to the receiver**, also with activated Calling Line Identification Restriction (CLIR). If the receiver is not registered to the SMS service center, or the message is received by a non SMS-capable telephone, the system will read out the message. If the destination number is a fax connection, the system automatically identifies it and transmits the SMS as fax.

To stop these **unwanted** calls of the T-Com center to the own not SMS-registered extension you can **lock** your extension for incoming (voice) messages at the T-Com hotline.

Answer machine (Eurit 459T only)

You can operate your answer machine:

- from the base station
- from the handset
- remotely from an external DTMF telephone

Your telephone is delivered with the answer machine **switched on** (default setting).

Select MSN (answer machine is in standby):

Press **◀** or **▶** on the base station, the current MSN is displayed. Press **◀** or **▶** again (if necessary several times) to select the MSN you want (only possible if more than one MSN has been programmed).

The following settings can be defined per MSN

- Switch answer machine on/off
- Select outgoing message
- Record/delete outgoing message, message mode and time over message
- Set answer delay time
- Standard outgoing message in a selectable language
- Play back/delete messages
- Program personal remote PIN
- Enter personal destination number to receive an SMS alerting you to a new answer machine message.

Operating the answer machine from the handset

You can switch your answer machine on and off, listen to messages and program settings from any registered handset.

On/off

1. Press the softkey under **MENU**. Press **⋮** to scroll to **ANSWER MACHINE** and press **OK** to confirm.
2. Scroll to **ANSWER ON/OFF** and select the setting.

Answer machine (Eurit 459T only)

Outgoing message

Your answer machine comes with three standard pre-recorded outgoing messages in various languages.

Answer & record: Callers can leave a message.

Answer only: Callers cannot leave a message.

Time over message: Your caller will hear the time over message (e.g. "Thank you for calling") at the end of his message.

Recording/playing back an outgoing message

You can replace the standard outgoing message with a personal one and revert to the standard message at any time.

1. Press the softkey under **MENU**, press **[** to scroll to **ANSWER MACHINE** and press **OK** to confirm.
2. Scroll to **OUTGOING MESSAGES**, select the preferred answering mode and record your message after the prompt. Save the message to end the recording. The new recorded message is replayed for checking.

Selecting the outgoing message

You can select a preferred language for standard outgoing messages in the menu **ANSWER SETTINGS, LANGUAGE**.

Restoring the standard outgoing message

If you want to restore the standard outgoing message:

1. Press **[** to scroll to **OUTGOING MESSAGE, SELECT MESSAGE** and press **OK** to confirm.
2. Select the preferred mode. Select the standard outgoing message. Press **PLAY**. During playback press **SAVE**.

End message

Your caller will hear the end message (e.g. "Thank you for calling") at the end of his message.

You can re-record/delete the time over message at any time (procedure similar to "Record outgoing message").

Answer machine (Eurit 459T only)

Record memo

You can leave a message behind for other internal users by recording a memo.

Message playback

If you have messages on your answer machine, the display shows  and the message counter on the base station shows the total of messages (old an new).

If you have new messages, the message counter is flashing.

1. Press the softkey under **MENU**, press  to scroll to **ANSWER MACHINE** and press **OK** to confirm.
2. You can play back and delete messages in the menu **PLAY MESSAGES**.
3. To
 - replay a message, press **INT**.
 - listen to the next message, press .
 - listen to the previous message, press **INT** twice.

Note

- New messages are displayed on the base station per MSN. If, for example, A - 3 - B - 2 flashes in the display, this means that MSN A has got three and MSN B two new messages.
- Please note: the recording of new messages is automatically stopped if your caller does not start talking for more than 6 seconds or if he pauses in between his message for more than 8 seconds.

Delete messages

1. Press the softkey under **MENU**, press  to scroll to **ANSWER MACHINE** and press **OK** to confirm.
2. Select **DELETE MESSAGES** and press **YES** to confirm. This deletes all old messages.

Answer machine (Eurit 459T only)

Listening over the handset

Press the softkey under **LISTEN** as soon as the answer machine accepts a call.

Note To talk to the caller, press . The recording is automatically terminated.

Recording a call

While you are on the telephone you can record the call via the handset.

During an active call, press the softkey under **OPTION, RECORDING** and press **OK** to confirm.

The answer machine is switched on and the conversation is recorded.

Press **RECORDING OFF** to stop recording the conversation.

Note For privacy protection reasons you are obliged to inform your call partner that the call is being recorded.

Remaining time

To check whether your answer machine has sufficient capacity for recording messages, you can view the remaining recording time.

VIP number*

In the menu **ANSWER MACHINE**, scroll to **VIP NUMBER** and enter the number of the telephone from which you regularly remote-access your answer machine. You now have direct access to your messages without the need for a remote access PIN.

SMS notification*

If this function is activated and you have entered a destination number, an SMS is sent to alert that you have received a new answer machine message.

* Function dependent on network operator.

Contact your network operator to find out whether this service is supported.

Answer machine (Eurit 459T only)

Operating the answer machine on the base station

On/off

Press .

Playing, repeating, deleting and skipping messages

All recorded messages and memos are shown on the display.

Press . Messages are played, starting with the most recent message.

During playback, press:

-  once to delete the active message.
-  once to repeat the active message, and twice to return to the previous message.
-  to play the next message.
-  to end playback.

Delete all listened messages

Press and hold down key  to delete all listened messages.

Listening over the base station

If the answer machine accepts a call, you can use  to adjust the volume and listen to the caller while he is recording a message. To talk to the caller, press  on the handset. The recording is automatically terminated. You can also adjust the loudspeaker volume in standby mode.

Answer machine (Eurit 459T only)

Answer machine settings

Procedure:

1. Press the softkey under **MENU**. Press  to scroll to **ANSWER SETTINGS** in the **ANSWER MACHINE** menu and press **OK** to confirm.
2. Make the settings in the relevant submenu:

Answer mode

Select the outgoing message which callers will hear.

Answer delay and toll saver mode

The answer delay function allows you to specify the delay, in seconds (0, 5, 10, 15, 20, 25 or 30), before the answer machine accepts the call.

Toll saver mode helps you to save on costs for remote access:

If you set the answer delay to Toll Saver, your answer machine will answer after 2 rings if you have new messages. If you do not have new messages it will not answer until 6 rings. This enables you to save costs by hanging up before you are connected.

Time limit

You can set the time allowed for incoming messages. The longer incoming messages are, the fewer can be recorded (max. recording capacity of your answer machine = ca. 20 minutes).

Language

Set the preferred language for standard outgoing messages and remote access confirmations.

Remote access

Remote access PIN

You can operate your answer machine from any modern telephone by calling your number and entering your 4-digit remote access PIN. The preprogrammed PIN is 0000. To remote access your telephone you have to enter your personal **SECURITY PIN** in the menu **ANSWER MACHINE**, **ANSWER SETTINGS** before the first remote access.

Answer machine (Eurit 459T only)

Remote activation of answer machine

If you have forgotten to switch your answer machine on, you can do this remotely from an external telephone. Dial your number and let it ring 12 times. Enter your 4-digit security PIN and press **3** to switch on the answer machine.

PIN alarm

If you enter the remote access PIN incorrectly three times in succession, your telephone will automatically disconnect the line. The PIN alarm is then activated (indicated by rapid flashing of the “in operation” display). It is now impossible to remote access your answering machine until the PIN alarm has been reset by pressing the On/Off key at the base station.

Operating the answer machine from an external telephone

1. Dial your number. When you hear your outgoing message, press *****.
2. Enter your 4-digit security PIN. If there are new messages, these are played back.

You can remotely operate your answer machine using the following keys:

- #**  return to main menu
- 1**  play messages
- 2**  delete all messages
- 3**  switch answer machine on/off
- 4**  select answer mode
- 5**  record new outgoing messages
- 0**  play menu again

Settings

Language

Procedure:

1. Press the softkey under **MENU**. Press  to scroll to **LANGUAGE** in the **SETTINGS** menu and press **OK** to confirm.
2. Set the preferred display language. Display texts will appear in the set language.

Presentation

Procedure:

1. Press the softkey under **MENU**. Press  to scroll to **PRESENTATION** in the **SETTINGS** menu and press **OK** to confirm.
2. Scroll to the relevant submenu and make the following display settings:

Display

- **Wallpaper**

Select a wallpaper for your display from the list (or no wallpaper).

Use the possibility to assign the melody/wallpaper you want to an entry in the directory.

When you get a call from this participant, you hear the personalised melody and see the defined wallpaper in the display.

- **Menu color**

Define the preferred color.

- **Font**

You can choose between large and small fonts. If you select "large", fewer characters will appear on the display (the rest are "cut off").

Settings

- **Contrast**

To optimise legibility, you can adjust the display contrast.

- **Backlight**

You can activate or deactivate backlighting for the display.

- **Screen Saver**

Activate or deactivate the screensaver.

Keypad backlight

Activate or deactivate keypad lighting.

Settings

Telephony

Procedure:

1. Press the softkey under **MENU**. Press  to scroll to **TELEPHONY** in the **SETTINGS** menu and press **OK** to confirm.
2. Scroll to the relevant submenu and make the following settings:

Automatic DTMF

Activate "Automatic DTMF" to switch automatically to DTMF dialling during an active call.

Auto Talk

An incoming call can be accepted by pressing the talk key. If you activate Auto Talk, you can accept a call simply by lifting the handset from the base station without pressing any key.

System PIN

Procedure:

1. Press the softkey under **MENU**. Press  to scroll to **SYSTEM PIN** in the **SETTINGS** menu and press **OK** to confirm.
2. Change the existing system PIN as required.

Note

- If you wish to register/deregister new handsets with the base station, you must enter the base station's 4-digit system PIN (default setting: 000).
- We recommend that you change the system PIN to protect your telephone against unauthorised access.
- **Attention:** Please take good note of your new system PIN! If you forget it, your network operator will need to intervene and will charge you for this service.

Settings

PBX

See "PBX access".

Repeater

You can use up to 6 repeaters to extend the range and receiving power of your base station. The repeaters must first be registered and activated on the base station.

Per repeater, up to 2 handsets can conduct a call simultaneously.

Procedure:

1. Press the softkey under **MENU**. Press  to scroll to **REPEATER** in the **SETTINGS** menu and press **OK** to confirm.
2. Switch the repeater mode on/off.

Note

- For details on setting up repeaters, please follow the repeater user manual.
- **You can activate either the repeater mode or the Eco mode.**
If you active both features, a conflict message will appear.

Settings

Eco Mode

Multi Handset Low Radiation Mode

Electromagnetic radiation is shut down between the base station and all declared handsets. Handsets and base station are waiting for a wake-up signal either in form of an incoming call, when activating a handset or when the system synchronises data.

When Eco Mode is set to **ON**, and as long as you are not conducting a conversation, **ECO MODE** is displayed instead of the handset name. Eco Mode is activated after every use as soon as you replace the handset in the base station.

After inactivity of about one minute, and without placing the handset(s) in the base station or in the charging bay, the Eco Mode is reactivated automatically.

Radiation reduction in communication

65% radiation reduction on the handset is achieved when it is near the base station. The handset's power transmission is regulated; the power transmitted from the handset is automatically reduced to the lower level, depending on the distance to the base station. This feature is activated when Eco Mode is set to **ON**.

Procedure:

1. Press the softkey under **MENU**. Press  to scroll to **ECO-MODE** in the **SETTINGS** menu and press **OK** to confirm.
2. Switch Eco Mode on or off.

Note

- Default setting on delivery: Eco mode activated.
- Other cordless DECT products in range may interfere with the Eco mode.
- **You can activate either the Eco mode or the repeater mode.**
If you active both features, a conflict message will appear.

Settings

MSN settings

Assigning an MSN

Your telephone can manage up to 5 Multiple Subscriber Numbers (MSN). You must have at least one MSN programmed in order to use your telephone.

1. Press the softkey under **MENU**. Press  to scroll to **SETTINGS** and press **OK** to confirm.
2. Select the relevant MSN in the menu **MSN SETTINGS**, **MSN ALLOCATION**. Program the MSNs and associated user names, and activate/deactivate the functions "Anonymous call" and "Call waiting".

Note

- You can also use the installation assistant to set up your MSNs and define the associated settings.
- The MSNs must be programmed without a prefix.

Allocating an MSN

This menu item allows you to change the allocation of MSNs to handsets. Incoming calls to an MSN ring only on the allocated handsets.

Additional handsets/ base stations

Registering additional handsets

You can register up to 6 handsets with the base station. The base station must be within range.

Note If you purchase additional handsets for your base station,

- the batteries must first be fully charged!
- the handsets must be registered with the base station before use!

Procedure:

1. Press the softkey under **MENU**. Scroll to **REGISTRATION** in the **SETTINGS** menu. Select the base station and enter the base station system PIN (default on delivery: 0000).
2. Choose **AUTOMATIC** (the number is automatically assigned) or the desired handset number (1 to 6).
3. Press and hold down $\bullet\triangleright$ on the base station for around 10 seconds.
4. Release $\bullet\triangleright$ when you hear a beep on the base station. The handset is then assigned the desired handset number.

Deregistering a handset

You can deregister a handset from the base station. The base station must be within range.

Press the softkey under **MENU**. Scroll to **REGISTRATION** in the **SETTINGS** menu and deregister the handset in the relevant submenu.

Selecting the base station

Press the softkey under **MENU**. Scroll to **REGISTRATION** in the **SETTINGS** menu and select the base station in the relevant submenu.

Note This submenu only appears if the handset is registered with more than one base station.

PBX access

Compatibility

You can also connect your telephone to an ISDN private branch exchange. The functionality is dependent on your PBX type. Contact your network operator for further information.

Access Code

You may need to enter an access code (e.g. 0) to allow the public exchange to assign an external line for external calls or for calling back numbers in the calls list.

Entering the Access Code

Procedure:

1. Press the softkey under **MENU**. Scroll to **PBX** in the **SETTINGS** menu and press **OK** to confirm.
2. Enter the access code.

Note

- After having programmed an access code you do not have to enter it again in a directory entry. However, if you dial off-hook or in call preparation you still have to enter the access code manually.
- To give the exchange sufficient time to assign a public line, you may need to program a "pause" after the access code by pressing and holding down **0**.
- For further information, refer to your PBX operating instructions.

Incoming Code on/off

Some exchanges automatically insert the access code. Make the necessary setting (on or off) in the menu **SETTINGS**, **PBX**, **FUNCTIONS**.

Maintenance

Reset

You can reset the telephone to default status as follows:

Procedure:

1. Press the softkey under **MENU**. Scroll to **MAINTENANCE** in the **SETTINGS** menu.
Press **OK** to confirm.
2. Select the handset or base station, press **RESET** and press **OK** to confirm.
The default settings are restored.

Note

- A reset deletes all preferences and lists except the directory, your personal outgoing messages, and the messages on your answering machine.
- After a reset, the installation assistant re-appears.

Software version

You can view the actual software version:

Press the softkey under **MENU**. Scroll to **MAINTENANCE, SOFTWARE VERSION** in the **SETTINGS** menu. Press **OK** to confirm.

Installation assistant

You can activate the installation assistant in this menu:

Press the softkey under **MENU**. Scroll to **MAINTENANCE, INSTALL. ASSISTANT** in the **SETTINGS** menu. Press **OK** to confirm.

General information

Approval and conformity

This ISDN telephone DECT complies with the basic requirements contained in the R&TTE Directive 1999/5/EC on radio equipment and telecommunications terminal equipment and is suitable for connection and operation in the member state indicated on the base station and/or packaging.

The declaration of conformity may be viewed at: www.swissvoice.net.



The CE symbol confirms the conformity of the telephone with the above directive.

Warranty conditions

Your telephone is subject to a guarantee from the date of purchase in accordance with the legal provisions of the country in which the telephone was purchased. As evidence of the date of purchase, please keep the receipt or the warranty card completed by the retailer. All defects attributable to material and manufacturing faults will be corrected free of charge within the warranty period, either by repairing or replacing the defective equipment.

The warranty does not cover expendable materials (battery cells), defects which affect the value or use of the equipment only insignificantly, and damage caused by incorrect use, ordinary wear and tear, or manipulation by third parties.

This warranty does not cover consequential damage caused by the use, failure or defectiveness of the product. In particular, no liability whatsoever is accepted for damage to property and pecuniary loss.

To claim under this warranty, please contact the retailer where you purchased your telephone.

General information

Technical Data

Standard: DECT/GAP

Number of channels: 120 duplex channels

Frequencies: 1880 MHz to 1900 MHz

Transmitting power:
10 mW (average per channel)

Range:
up to 300 meters outdoors,
up to 50 meters indoors

Power supply

Mains unit:
model no: S0041V0600060

Mains unit
primary: 100 – 240 VAC/
50 – 60 Hz/150 mA
secondary: 6 VDC/600 mA

Handset operation time:
standby talk time
up to 120h up to 12h

Battery charging time:
approx. 14 hours

Battery Type: NiMH AAA 800 mAh
Model No. GP80AAAHC

Permissible ambient conditions for operation: 5 °C to 40 °C;

5% to 85% relative humidity

Permissible storage temperature:
–20°C to +35°C

Dialling procedure: DTMF

Enquiry (B) key with flash function

Base station dimensions:
Width/height/depth =
100 × 108 × 98 mm

Handset dimensions:
Length/width/height =
157 x 47 x 25 mm

Base station Eurit 459 weight:
132 g
Base station Eurit 459T weight:
166 g

Weight of handset:
with batteries = 130 g
without batteries = 106 g

Length of connection cord: 3 m

Length of power cord: 3 m

Power pack: Euro

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Warranty Certificate

swissvoice

Garantieschein

*Bon de garantie, Warranty Certificate, Certificato di garanzia,
Garantiebewijs, Takuutodistus, Garantibevis, Garantisedel,
Garantibevis, Certificado de Garantía, Talão de garantia*

device type:	(Gerätetyp, type d'appareil, tipo di apparecchio, toesteltype, laitetyyppi, maskintype, apparattyp, apparattyp, modelo del aparato, modelo do aparelho):
serial number:	(Seriennummer, numéro de série, numero di serie, serienummer, sarjanumero, serienummer, serienummer, serienummer, número de serie, número de série):
dealer's stamp:	(Händlerstempel, sceau du vendeur, timbro del rivenditore, stempel van de dealer, kauppiaan leima, forhandlerens stempel, försäljarens stämpel, forhandlerstempel, sello del comerciante, carimbo do vendedor):
dealer's signature:	(Unterschrift des Händlers, signature du vendeur, firma del rivenditore, handtekening van de dealer, kauppiaan allekirjoitus, forhandlerens underskrift, försäljarens underskrift, forhandlers underskrift, firma del comerciante, assinatura do vendedor):
date of purchase:	(Kaufdatum, date d'achat, data d'acquisto, datum van aankoop, ostopäiväys, kjøpsdato, datum för köpet, salgsdato, fecha de adquisición, data de compra):



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